

CELRP-PM-MM

Rozzi/cr/7227
31 March 2003

MEMORANDUM FOR RECORD (#29)

SUBJECT: Mahoning River, Ohio, Environmental Dredging Project, Feasibility Study, Team Meeting, Thursday, 20 March 2003

1. The purpose of this memo is to document the above subject meeting held at 1000 hours, Thursday, 20 March 2003, in the Commander's Conference Room. The attendees were:

Carmen Rozzi PM-MM	Jeff Benedict PM-PF	Deb Duda PM-PR
Paul Shapiro OC	Dave Rieger PM-PR	Roger Wood RE-A
Mike Debes EC-GD	Deb Campbell PM-PR	Linda Malsch OR-FP
Ed Dolan EC-GM	Steve LeBlanc EC-GM	Dave Margo EC-WH

2. The purpose of the meeting was to discuss project status and outstanding issues. An Agenda and Monthly Status report are shown as Attachment 1 and 2, respectively.

3. Major issues discussed are:

Project Management

- a. The total FY03 Federal funding allocation includes \$700,000 minus 32% savings and slippage; \$476,000; plus and additional \$74,800 of FY02 carry-over funds; for a total \$550,800. This can be matched with an equal portion of non-Federal funds.
- b. A 2101 (a table of obligations expenditures per month) will be prepared by PM and provided to the team for comment. The 2101 is a spreadsheet that tracks Federal funding obligations and expenditures used for upward reporting.
- c. Tom Shepker, WCI, Inc., will be giving a presentation to the Mahoning River Consortium tomorrow, Friday, 21 March 2003, which I will attend.

Contracting

- d. A second modification to the surveying contract will be required.
- e. The next contract is the sediment sampling and analysis contract. Prompt execution of this contract is essential for FY03 execution.

Planning

Plan Formulation

- f. Jeff Benedict will be preparing the material for the Alternative Formulation's Briefing meeting and providing it for review (no change).
- g. All team members are encouraged to review the outline and provide comments (no change).

Environmental

- h. Coordination with the U.S. Fish and Wildlife Service needs to be finalized. A Section 2 (b) Fish and Wildlife Coordination Act Report is required for this study. Examples of other Section 2(b) reports have been provided to the USFWS. The District will prepare a preliminary Scope-of-Work and provide to the USFWS for comment.
- i. Activities are geared toward preparing for the steering committee meeting, which is being held concurrently with the cultural resources scoping meeting.

Cultural

- j. Activities are geared toward preparing for the Cultural Resource meeting this Wednesday, 26 March 2003. This meeting will be held at the Holiday Inn in Girard, Ohio. An agenda, invitation letter, and mailing list of interested parties oriented toward cultural resource activities have been finalized and invitation letters mailed.

Economics

- k. Economic will assist in preparing a white paper on the project benefits.

Engineering

Surveying & Mapping

- l. An additional contract modification is required. The schedule will be revised to reflect this additional modification.
- m. A meeting with the AE contractor was held on Monday, 17 March 2003, to discuss the additional features of work.

Geotechnical – Environmental Unit

- n. The Scope of Work for the Sediment Sampling, Testing, Distribution, and Geotechnical Analysis Contract was provided to the AE contractor in early January. Negotiations are still underway
- o. Eastgate provides a formal notice to proceed to Waste Science, Inc., on March 20, 2003. A pre-work meeting will be scheduled.
- p. A total of 23 potential staging areas were identified. This has been narrowed to 10, 5 in Mahoning County and 5 in Trumbull County. Documentation of these investigations can be found in MFR19 and MFR27, respectively.

General Engineering

- q. EC-DG personnel made field trips to the project area to meet with municipal and utility representatives. This visit is documented in MFR28.
- r. Utility companies received letters requesting crossings be identified in the project area. These have been very successful, 30 of the 32 companies have responded.
- s. Operations permit section is working with EC-DG to identify all permitted facilities in the river.

Water Management

- t. Jim Kosky (although not present) reported that the Discharge Frequencies are complete and the Discharge Durations are underway.
- u. Dave Margo noted that the hydraulic model for existing conditions has been initiated with the surveying information provided.
- v. Rose Reilly reported the Toxicity Report would be provided by mid-March.
- w. Transect locations have been modified to address OEPA concerns for potential brownfield leaching and discharges.

Cost Engineering

- x. No items to date.

Real Estate

- y. Additional ownership information for the laydown areas located in Trumbull County is required. RE has prepared and will send out the ROE's for the laydown areas in Mahoning County within the next day or so. If everything goes well, all of the ROE's will be in the mail by Friday, March 28. Our current schedule indicates that we are to have these ROE's by 17 April 03. We will try to meet this date.

Operations

- z. Linda Malsch, Regulatory Branch, Operations Division, has investigating existing permits along with historical data associated with the Mahoning River. She will continue to participate as needed.

Office of Counsel

- aa. No issues

4. Additional detailed status is provided on Attachment 2. Any questions may be directed to me at 412-395-7227.

Carmen Rozzi, P.E.

Project Manager

CF: Mahoning River Steering Committee

Meeder PM-PF

Cicconi PM-PR

Johnson-Muic PM-P

Boren EC-E

Maser EC-D

Stevenson EC-G

Brickett EC-H

Kelley EC

Hitchings EC

Iagnemma RE-A

Goldstrom RE

Lindauer CT

Dowling PA

Gates EL

Hawkins PM-MM

Likar PM-M

Dixon DPM

READING/RECORD FILE COPY

**Mahoning River, Ohio, Environmental Dredging Project
Feasibility Study**

**Team Meeting
20 March 2003
1000 Hours – Commander's**

AGENDA

Authority

Section 312 (b) of the Water Resources Development Act (WRDA) of 1990

Background

Recon Study was completed - May 1999

Recon Report approved by HQ/LRD - August 2001

Project Study Plan approved - February 2002

Feasibility Cost Sharing Agreement - 09 March 2002

Feasibility Study Initiation - 11 March 2002

Draft Report - 28 February 04

Purpose

The purpose of the meeting is as follows:

1. Project Overview (PM)
2. Project Status Reports
 - a. Contracting
 - b. Planning
 - c. Engineering Construction
 - d. Real Estate
3. Discussion

ATTACHMENT 1

**MAHONING RIVER, OHIO,
ENVIRONMENTAL DREDGING PROJECT
FEASIBILITY STUDY**

I. PROJECT MANAGEMENT

- A project directory is on the O:\Multi-Organization\Mahoning River, Oh - Dredge. Folders have been created for each discipline.
- The project's CS2 2101 for FY03 is complete and in the PM/2101 folder.
- Federal/non-Federal cost share summary table shown under paragraph VI.
- Total FY03 Federal funding allocation includes \$700,000 minus 32% savings and slippage; \$476,000; plus and additional \$74,800 of FY02 carry-over funds; for a total \$550,800.

II. PLANNING

a. Plan Formulation:

- The primary activity during the past month has been in support of the bioremediation and sampling & analysis A/E contracts. Reviewed draft guidance paper on the Without Project Alternative developed by Dave Rieger, leader of the Without Project Subcommittee. Continued coordination with OEPA and sponsor related to potential impacts to Mahoning River due to brownfields.

b. Economics: No actions to date

c. Environmental:

- Environmental Quality Metrics subcommittee decided on metrics to use to assess the projects. The metrics are – biological indices (IBI, mlwb, ICI), QHEI, % top carnivores (fish feeding guild), contaminant concentrations divided by their criteria, and the Area Degradative Value (ADV, a calculation using the deviation of the IBI, mlwb, and ICI scores from their benchmarks)
- A draft MFR documenting the Environmental Metrics was sent to subcommittee members. A subcommittee meeting will be held Wednesday, March 26.
- A draft memo for the Without-Project Committee has been prepared and is being internally reviewed.

d. Cultural Resource:

- Field trip conducted 02 May 2002
- Received letter dated August 7, 2002
- PM had a telephone conversation with Mr. Dave Snyder Friday, 16 August 2002. His main concern is that the current dredging contract is being performed under a Nationwide Permit, which doesn't require CR coordination. He is worried our project will go the same route.

**MAHONING RIVER, OHIO,
ENVIRONMENTAL DREDGING PROJECT
FEASIBILITY STUDY**

III. ENGINEERING & CONSTRUCTION

a. Cost Engineering Branch: No actions to date.

b. Design Branch/General Engineering:

- David Heidish and Ed McDaniel made site visits to the project area on 3 March and 11 March 2003. These visits included meeting with various utility company representatives to locate utility crossings of the Mahoning River and utilizing a GPS locator to pinpoint existing utility line landmarks such as manholes and siphons.
- EC-DG sent 17 letters with drawings maps to utility companies and municipalities to identify all other utilities that may be affected by the project. Eastgate also sent out notices through the Ohio Utilities Protection Service (OUPS) to 15 other utility companies and municipalities. To date, we have received replies from 30 of the 32 utility owners.
- Linda Malsch has been added to the team as Operations Division team member. She researched and provided the information that we have in our permit files concerning existing utilities. A determination will be made to see if there would be any utility interference with the dredging project. The team has agreed that the best course of action is to use “avoidance” strategy with respect to submarine crossings (not to dredge a certain distance upstream and downstream of the utility crossing locations). This strategy would reduce project requirements with respect to relocations. EC-DG is scheduled to provide utility/relocations map to Real Estate Division by 27 March.
- A list of survey utility coordinates to be located will be part of the scope of work to the modification of the existing contract with GRW. These involve identifying manholes and sewer siphons for approximately eight submarine crossing locations. GRW will also verify the spreadsheet depicting the known aerial crossing and find any missing information and locations.

c. Geotechnical Branch:

1. Soils Engineering:

- Completed investigation of potential laydown/staging areas on February 4, 2003 with the investigation of the last nine sites.
- In a meeting with Carmen Rozzi (PM) and Roger Wood (RE), reduced the 23 potential laydown/staging areas to 10 acceptable laydown/staging sites.

2. Environmental - HTRW:

**MAHONING RIVER, OHIO,
ENVIRONMENTAL DREDGING PROJECT
FEASIBILITY STUDY**

- Three In-Situ Bioremediation contractors were invited to make presentation of their approach to the study on 7 January 2002. Conference calls with the three potential contractors were held Thursday, 30 January 2003 to ask for clarifications. Waste Sciences has been selected. Notice to Proceed is anticipated by the first week of March 2003.
- Internally, the Statement of Work (SOW) and Government estimate for the sediment characterization contract was prepared, approved, and provided to Contracting for processing.
- Contracting Division issued a Request for Price Proposal to the A/E on 10 February 2003. We are expecting A/Es response the last week of February.
 - Altech submitted price proposal, which was \$409639.82 above the govt. estimate. After an initial discussion with the project's KTMs about their pricing, they re-submitted a revised version. The revised version is still above the govt. estimate by \$106071.27.
 - The KTMs will meet again next week to discuss possible revision of the scope to reflect manual coring for the sample collection and re-submit to the A/E for re-pricing.

d. Water Resources Engineering Branch:

1. **HH:** Finished work on flow frequency analysis. Will start work on flow duration analysis. Starting existing conditions hydraulic modeling with HEC-RAS with current survey cross sections and will add bridge survey data when final survey is provided.
2. **WQ:** Collected samples for Chronic Sediment Toxicity Evaluation of Mahoning River Sediments during mid-September 2002. The Draft Final Report was completed provided for review by the US Army Engineer Research and Development Center on Feb 18, 2003. A copy of the report entitled, "Draft Report of Mahoning River chronic sublethal sediment evaluations with *Chironomus tentans* and *Hyaella azteca*", is available for review (**O:\Multi Organizational\Mahoning River, OH -Dredge\ EC\ WQ\ ERDCtoxDraft.doc**). WQ is also modifying sampling plans for Mahoning River tributary water quality studies, in order to include possible impacts from areas of concern (brownfields), which have been identified by the OEPA. It is suggested that the survey be conducted during low base flow conditions, after a storm event, to capture highest concentrations of leachate.

e. Survey and Mapping:

- Scope of Work on the O:Drive for reference.

**MAHONING RIVER, OHIO,
ENVIRONMENTAL DREDGING PROJECT
FEASIBILITY STUDY**

- Surveying Contract Field trip taken 08/09 May 2002
- GIS Deliverable received and on file in IM for Mahoning County.
- Trumbull County GIS delivered but incomplete RE layer. Received one half-foot pixel resolution orthophotos on 18 March 2003. Available by township via \\Lrpfs01gis\GIS\Base_Data\Trumbull_County_OH\Orthos . Trumbull County plans to post RE info on WEB.
- Survey Contract NTP – 31 May 2002; Deliverable 15 October 2002; Total Cost \$249,139.43
- Survey Contract preliminary delivery
 - 16 September 2002 – complete to mile 27 Liberty Street in Girard – delivered and feedback provided to contractor.
 - 30 September 2002 – not delivered due to changed COE boundary and data QC issues. Files were delivered on 5 December 2002 for review. Survey and mapping section review comments forwarded to GRW on 16 December 2002.
- Survey Contract Final deliverable 30 October 2002 less one-mile of WCI steel dredge area to be surveyed later. Main Street Bridge in Niles is being reconstructed and contractor has plan bridge data.
- OHW elevations complete RP's will be set at various intervals, not at each mark.
- Scope of Work for final mapping in progress. Team met with GRW on 17 March 2003 to clarify needs. On track for a 31 March 2003 delivery order start date.
- Final estimate being developed.

IV. REAL ESTATE:

- Update 1-15-03. Trip has not been rescheduled. Toured Mahoning County with EC and PM to select potential laydown areas. Trip to Trumbull County on 12-5-02 was canceled. PM will reschedule trip to Trumbull County early part of Jan 03.
- The new owners of the CSE facility will not grant us a right of entry for survey and exploration. Recommend condemnation if this site is absolutely needed for access to the Mahoning River.

V. CONTRACTING - EC AE SUPPORT:

- Surveying Contract – NTP 31 May 2002
- FT 2003 Contracts
 - Sediment Quality Analysis
 - Geotechnical Contract

VI. CONTRACTING - CT SUPPORT:

- DACW59-99-D-0011-0051; issued 19 JUN 2002 to GRW (Surveying and related services)

**MAHONING RIVER, OHIO,
ENVIRONMENTAL DREDGING PROJECT
FEASIBILITY STUDY**

Total Price = \$249,139.43

Total Funding = \$ 249,139.43

Final Contractual Delivery = 20 SEP 2002

- Modification 01 / issued 15 NOV 2002

(Incorporate CADD and related Engineering services)

Total Price = \$255,061.11

Total Funding = \$255,061.11

Final Contractual Delivery = 06 DEC 2002

Actual Final Delivery Date =

Actual Final Payment Date =

- DACW59-02-D-0005-0002; RFPP issued 10 FEB 2003 to Altech
(In-River and Bank Contaminated Sediment Sampling, Testing,
Distribution, and Characterization)
 - Requested Price Proposal be submitted to the Government with 14
calendar days of receipt.
 - Government will evaluate technical and cost proposals as well as
whether to keep all of the three severable requirements combined
with one task order and to one firm.

**MAHONING RIVER, OHIO,
ENVIRONMENTAL DREDGING PROJECT
FEASIBILITY STUDY**

VII. FISCAL STATUS:

Trans action Type	Federal Funds (3121)	Non-Fed Funds (8862)	Non-Fed WIK & Cash	Date	Description
Initial	\$174,500		0	09 Mar 02	Escrow Cash
Initial	0	0	\$200,000	01 May 02	Escrow Cash
	0	\$125,000	-\$125,000	13 May 02	Escrow Request
	\$55,000	0	0	07 May 02	Fed Jour Entry
	\$70,000	0	0	22 May 02	Fed Jour Entry
	0	0	\$24,875	11 Jun 02	WIK (22N)
	0	0	\$1,539	11 Jun 02	WIK (22T)
	0	0	\$20,875	14 Aug 02	WIK (22N)
	0	0	\$125,000	09 Sep 02	Eastgate Account
	0	\$25,000	-\$25,000	16 Sep 02	Escrow Request
	0	0	\$6,068	18 Sep 02	WIK (22T)
	0	0	\$1,687	18 Sep 02	WIK (22E)
	\$51,909	0	0	25 Sep 02	Fed Jour Entry
	0	\$25,000	-\$25,000	24 Oct 02	Escrow Request
	\$30,000	0	0	26 Nov 02	Fed CR Entry
	\$50,000	0	0	08 Jan 03	Fed CR Entry
	0	0	\$400,000	21 Jan 03	Escrow Cash
	0	\$75,000	-\$75,000	19 Feb 03	Escrow Request
	\$50,000	0	0	21 Feb 03	Fed CR Entry
	-\$251	0	0	03 Mar 03	Fed CR Entry
TOTAL	\$481,158	\$250,000	\$530,044		

Issues:

- \$800,000 in FY 2003 Omnibus Bill.
- President signed the Bill on the 24 of February.
- \$100,000 is earmarked for Pennsylvania by law.
- 32% Savings and Slippage
- \$476,000 available of the original \$700,000.
- Requested S&S be restored, fell on lame ears.
- \$100,000 needed to repay Weirton Port (try to hold-off repay until FY04).

**MAHONING RIVER, OHIO,
ENVIRONMENTAL DREDGING PROJECT
FEASIBILITY STUDY**

CEFMS data:

FEDERAL SHARE

v2.1.15 Funding Account Financial Summary 7.14			
Action Edit Block Field Record Query ESIG Help			
Period:	200303	Funding Register No:	H419204
Funding Work Item:		MAHONING RIVER, OH - FEAS STUDY	
Funding Acct No:	H425660	Fund Type:	D DIRECT FUNDS
Appropriation:	96 NA X	3121 0000	Resource Plan: 1
Mgt Structure:	008275	MAHONING RIVER ENV DREDGING OH & PA	
Funding Auth/Cust Order No:	3121-XX-2439-08	Cust Order Item No:	NA
Auth Amt@	12-MAR-2003	481157.27	Available Amt@
			12-MAR-2003 9197.46
		Refund Rec@	12-MAR-2003 .00
Obligations:	453390.84	94.23	
Accrued Expenditures:	448328.87	93.18	
Disbursements:	435914.93	*PFY Refunds Due:	.00
Undelivered Orders:	5061.97	PFY Accts Payable:	12413.94
Commitments:	18568.97	CFY ACCTs Payable:	.00
Disputed Labor CFY:		Disputed Labor PFY:	
*PFY Refunds Are A Contra Disb For 96X4902 And A Disbursement For All Others			
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non-FEDERAL SHARE

v2.1.15 Funding Account Financial Summary 7.14			
Action Edit Block Field Record Query ESIG Help			
Period:	200303	Funding Register No:	H419723
Funding Work Item:		MAHONING RIVER, OH - FEAS STUDY	
Funding Acct No:	H426299	Fund Type:	D DIRECT FUNDS
Appropriation:	96 NA X	8862 0000	Resource Plan: 1
Mgt Structure:	008275	MAHONING RIVER ENV DREDGING OH & PA	
Funding Auth/Cust Order No:	8862-XX-2439-08	Cust Order Item No:	NA
Auth Amt@	12-MAR-2003	250000.00	Available Amt@
			12-MAR-2003 70978.32
		Refund Rec@	12-MAR-2003 .00
Obligations:	173194.94	69.28	
Accrued Expenditures:	93375.28	37.35	
Disbursements:	87103.76	*PFY Refunds Due:	.00
Undelivered Orders:	79819.66	PFY Accts Payable:	62327.88
Commitments:	5826.74	CFY ACCTs Payable:	-56056.36
Disputed Labor CFY:		Disputed Labor PFY:	
*PFY Refunds Are A Contra Disb For 96X4902 And A Disbursement For All Others			
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**MAHONING RIVER, OHIO,
ENVIRONMENTAL DREDGING PROJECT
FEASIBILITY STUDY**

VIII. CONTRACT/MEETINGS STATUS:

Contract Summary

Survey Contract Award - 31 May 2002 - NTP

Survey Contract Submittal – 30 October 2002

1st Modification for Base Mapping – 15- November 2002

Survey Base Mapping Submission – 06 December 2002

2nd Modification – 30 March 2003

Sediment Treatability Contract – 30 Sept 2002 – RFQ Sent out

Sediment Treatability Contract – 15 Nov 2002 – RFQ Submission

Sediment Treatability Contract – 15 Dec 2002 – RFQ Determination

Sediment Treatability Contract – 07 Jan 2003 – RFP Determination

Sediment Treatability Contract – 07 Mar 2003 – Contract Award to Waste Science, Inc.

Toxicity Test (WES Contract) – 30 Sept 2002

Toxicity Test Submission – 28 Feb 2003

Sediment Quality Analysis – SOW Preliminary Submission – 22 November 2002

Sediment Quality Analysis – SOW Team Preparation – 31 December 2002

Sediment Quality Analysis – SOW to AE for Proposal Preparation – 31 Jan 2003

Sediment Quality Analysis – Negotiating Proposal – 31 Mar 2003

Meeting Summary

Environmental Scoping Meeting – 31 July 2002

Resource Agency Meeting – Steering Committee – 12 September 2002

Feasibility Scoping Meeting – 17-18 December 2002

Cultural Resources Scoping Meeting – 26 Mar 2003

Steering Committee Meeting – 26 Mar 2003